

Amendment of September 30, 2004

Abstract

Hydraulic control arrangement using load-sensing technology

A hydraulic control arrangement using load-sensing technology has a first directional control valve, via which pressure medium can be supplied to a first hydraulic consumer, and with at least one further directional control valve, via which pressure medium can be supplied to a further hydraulic consumer. The further control valve is preferably combined with the first directional control valve to form a valve block, with a load indication line, via which a control side of the load-sensing regulating valve can be acted upon by a control pressure dependent on the highest load pressure of the actuated hydraulic consumers. A pilot valve arrangement limits control pressure to a limit pressure and can be set from a high first limit pressure to a lower second limit pressure.